

# **Joint VLBI2010 Developers and Analysis Meeting**

*University of Tasmania, Australia  
Thursday, February 11, 2010*

## **PROGRAM**

### **09:00–10:45 Analysis Coordination Business Items (Chair: Axel Nothnagel)**

- (1) **IVS Analysis Coordination** [Axel Nothnagel, 10 min]
- (2) **Action Items from 10th Analysis Workshop** [Axel Nothnagel, 10 min]
- (3) **Report on IERS/GGOS Unified Analysis Workshop** [tbd, 15 min]
- (4) **External Information for the Calibration of Atmospheric Delays** [Rüdiger Haas, 20 min]
- (5) **Change-over to X/Y Nutation** [Axel Nothnagel, 10 min]
- (6) **RA and DEC of Radio Sources in SINEX Files** [all, 10 min]
- (7) **CRF Results with Full vs. Diagonal Covariance Matrix** [Chris Jacobs, 10 min]
- (8) **Effect of Nutation on Sub-daily EOP** [tbd, 10 min]
- (9) **Low Latency Sessions and Implications of Analysis and Publication of Results** [tbd, 10 min]

### **10:45–11:15 Coffee Break**

### **11:15–12:00 Analysis Coordination Business Items (cont'd)**

- (10) **Concerted Analysis, Comparison, and Publication of IYA09 Session** [all, 15 min]
- (11) **Time Series of Station Positions** [Axel Nothnagel, 10 min]
- (12) **Reporting Site Failures to IVS Master Schedule** [all, 10 min]
- (13) **Analysis Coordination Wrap-up** [Axel Nothnagel, 10 min]

### **12:00–13:00 Aspects of the VLBI2010 System (Chair: Bill Petrachenko)**

- (1) **VLBI2010 System Overview** [Bill Petrachenko, 40 min]
- (2) **VLBI2010 Proof-of-concept System Demonstration** [Arthur Niell, 20 min]

### **13:00–14:00 Lunch Break**

### **14:00–14:30 Aspects of the VLBI2010 System (cont'd)**

- (3) **Review of VLBI2010 Simulations** [Johannes Böhm, 20 min]
- (4) **Differences in Analysis of S/X and VLBI2010 Data** [Dan MacMillan, 10 min]

### **14:30–15:45 New VLBI Data Structures (Chair: John Gipson)**

- (1) **New Data Structures for VLBI and VLBI2010** [John Gipson, 15 min]
- (2) **Seamless Data Storage of Ancillary Data** [Arthur Niell, 15 min]
- (3) **Discussion: Data Structure and VLBI2010 Analysis** [all, 30 min]
- (4) **Discussion: VLBI2010 Analysis Package Development** [all, 15 min]

### **15:45–16:15 Coffee Break**

**16:15–18:00 Correlation and Station Hardware (Chair: Arthur Niell)**

- (1) **DiFX Correlator Development in Australia** [Chris Phillips, 20 min]
- (2) **VLBI2010 Station Hardware** [Hayo Hase, 20 min]
- (3) **Transition Plan** [Arthur Niell, 15 min]
- (4) **Discussion: Station Hardware, Correlation, and Transition Plan** [all, 30 min]
- (5) **Action Items Summary and General Wrap-up** [Bill Petrachenko, 20 min]